

10/15/02

US 5,987,760

09/989205

WELCOME to QUESTEL.ORBIT- Your Guide to INTELLECTUAL PROPERTY

Selected file: PLUSPAT

Search statement 2

?us5987760/pn

** SS 2: Results 1

Search statement 3

?prt fu legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT

PN - US5987760 A 19991123 [US5987760]

TI - (A) Circle drawing tool

PA - (A) WALTER S CO LTD (TW)

IN - (A) HSU WALTER W (TW)

AP - US99399297 19971218 [1997US-0993992]

PR - US99399297 19971218 [1997US-0993992]

IC - (A) B43L-009/00

EC - B43L-009/00D

PCL - ORIGINAL (O) : 033027030; CROSS-REFERENCE (X) : 033562000

DT - Basic

CT - US3795053; US4129948; US4589210; US4899449; US5125161; US5384964;
US5390418; US5615485; DE2806617; DE3134890; GB564645

STG - (A) United States patent

AB - An improved circle drawing tool is equipped with a doughnut-shaped outer board, a circular slide track mounted onto the outer board and an inner circular board provided with rolling balls in a plurality of receiving cavities thereof and having such a diameter that it can be rotarily engaged with the slide track as well as the doughnut-shaped outer board in assembly. On the doughnut shaped outer board are disposed a plurality of round holes distributed one by one consecutively according to their diameters. There are 4 straight lines separated apart at 90 degrees in angle. There are a number of small pen insertion holes consecutively spaced by 4 mm on each line and each starting point of the four lines is 1 mm farther away from the center of the outer board. There are 10 radial lines equally divided on the inner circular board. On each radial line there are a plurality of consecutive pen insertion holes defined thereon with every two neighboring points 10 mm spaced apart. Each starting point of all the 10 lines is 1 mm farther away consecutively from the center of the circular board so as to make the pen insertion holes distributed within a certain range in 1 mm divisional level. An extension arm having a plurality of pen insertion holes can be connected to the rotary outer board so as to permit circles larger than the diameter of the outer board can be drawn.

1/1 LGST - (C) LEGSTAT

PN - US 5987760 [US5987760]

AP - US 993992/97 19971218 [1997US-0993992]

DT - US-P

ACT - 19971218 US/AE-A

APPLICATION DATA (PATENT)

{US 993992/97 19971218 [1997US-0993992]}

- 19991123 US/A

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PATENT
- 20020219 US/RF
REISSUE APPLICATION FILED
20011121
UP - 2002-10

1/1 CRXX - (C) CLAIMS/RRX
AN - 3239470
PN - 5,987,760 A 19991123 [US5987760]
PA - Walter s Co Ltd TW
PT - M (Mechanical)
ACT - 20011121 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020219
REISSUE REQUEST NUMBER: 09/989205
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2859

Reissue Patent Number:

UP - 2002-08
UACT- 2002-02-19

1/1 PAST - (C) Thomson Derwent
AN - 200208-001514
PN - 5987760 A [US5987760]
DT - A (UTILITY)
OG - 2002-02-19
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED

Search statement 3

?file inpadoc

Selected file: INPADOC

Search statement 2

?fam us5987760/pn

1 Patent Groups
** SS 2: Results 1

Search statement 3

?famstate nonstop

1/1 INPADOC - (C) INPADOC
PN - US 5987760 A 19991123 [US5987760]
TI - CIRCLE DRAWING TOOL
IN - HSU WALTER W [TW]
PA - WALTER S CO LTD [TW]

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AP - US 993992/97-A 19971218 [1997US-0993992]
PR - US 993992/97-A 19971218 [1997US-0993992]
IC - B43L-009/00

1/1 LEGALI - (C) LEGSTAT

PN - US 5987760 [US5987760]

AP - US 993992/97 19971218 [1997US-0993992]

DT - US-P

ACTE- 19971218 US/AE-A

APPLICATION DATA (PATENT)

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- 19991123 US/A

PATENT

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